

On the resolution being put to vote, the yeas and nays being called, it was lost by 12 nays to 5 ayes.

Dr. Brinton offered the following :

*Resolved*, That papers by non-members be read by title only, except when the author is present, or by unanimous consent of the Society.

The resolution was referred by consent of mover to Council. The rough minutes were read, and the Society adjourned.

APRIL 3 being Good Friday and a legal holiday, the meeting was postponed, by direction of the President, until April 10.

*Stated Meeting, April 10, 1896.*

Vice-President, Dr. PEPPER, in the Chair.

Present, 18 members.

Correspondence was submitted as follows :

Acknowledgments of election to membership from M. G. Bertin, Paris, France, March 15, 1896; Mr. Henry A. Pilsbry, Philadelphia, March 30, 1896.

Circular letter from the Principal and Vice-Chancellor of the University of Glasgow and the Lord Provost of Glasgow, on behalf of the Committee of Arrangements of Jubilee of the Right Hon. Prof. Lord Kelvin, on the completion of the fiftieth year of his tenure of the Chair of Natural Philosophy in the University of Glasgow, requesting the Society to appoint a representative to take part in the celebration, June 15 and 16, 1896.

An invitation, on parchment, from the University of Princeton, N. J., to attend its one hundred and fiftieth anniversary.

On motion, these letters were referred to the President, with power to appoint representatives.

Letters of envoy from the K. K. Astronomisch-Meteorologische Observatorium, Triest, Austria; K. Leopoldinisch-Carolinische Deutsche Akademie der Naturforscher, Halle a. S., Prussia; R. Accademia di Scienze, Lettere ed Arti,

Modena, Italy; Ministero di Pubblica Istruzione, Rome, Italy; Mr. James Douglas, New York, N. Y.; Field Columbian Museum, Chicago, Ill.; Museo de la Plata, Provincia de Buenos Aires, S. A.

Letters of acknowledgment from the Vogtländische Altertumsforschende Verein, Hohenleuben, Saxony (143, 146, 147); I. R. Accademia degli Agiati, Rovereto, Austria (142-147); K. Leopoldinisch-Carolinische Deutsche Akademie der Naturforscher, Halle a. S., Prussia (146, 147, and *Trans.*, xviii, 2); Academy of Science, Rochester, N. Y. (148); Prof. Charles A. Young, Princeton, N. J. (148); Mr. L. A. Scott, Philadelphia (148).

Letters of acknowledgment (149) from the Geological Survey, Ottawa, Canada; Manitoba Historical and Scientific Society, Winnipeg; Public Library, State Library, Boston, Mass.; Prof. C. H. Hitchcock, Hanover, N. H.; Prof. James Hall, Albany, N. Y.; Editor of *Popular Science Monthly*, Profs. C. F. Chandler, Isaac H. Hall, J. J. Stevenson, New York, N. Y.; Vassar Brothers' Institute, Poughkeepsie, N. Y.; Academy of Science, Geological Society of America, Rochester, N. Y.; Oneida Historical Society, Utica, N. Y.; New Jersey Historical Society, Newark; Prof. Charles A. Young, Princeton, N. J.; Prof. Martin H. Boyde, Coopersburg, Pa.; American Academy of Medicine, Prof. J. W. Moore, Easton, Pa.; State Library of Pennsylvania, Harrisburg; Hon. James T. Mitchell, Rev. H. Clay Trumbull, Drs. C. N. Peirce, Wm. H. Wahl, Messrs. Samuel Dickson, Patterson Du Bois, Philip C. Garrett, L. A. Scott, Frank Thomson, C. Tower, Jr., Philadelphia; Lackawanna Institute of History and Science, Scranton, Pa.; Weather Bureau, U. S. Naval Observatory, U. S. Geological Survey, U. S. Patent Office, Coast and Geodetic Survey, War Department, Dr. W. J. Hoffman, Prof. Chas. A. Schott, Washington, D. C.; Mr. T. L. Patterson, Cumberland, Md.; Mr. Jedediah Hotchkiss, Staunton, Va.; Elisha Mitchell Scientific Society, Chapel Hill, N. C.; South Carolina College, Columbia; University of Alabama, University P. O.; University of California, Prof. Joseph Le Conte, Berkeley, Cal.; Lick

Observatory, Mt. Hamilton, Cal.; Historical Society, State Mining Bureau, San Francisco, Cal.; Prof. J. C. Branner, Stanford University, Cal.; Geological Survey of Missouri, Jefferson City; Oberlin College, Oberlin, O.; Cincinnati Observatory, Cincinnati, O.; Prof. J. L. Campbell, Crawfordsville, Ind.; Prof. G. W. Hough, Evanston, Ill.; University Library, Champaign, Ill.; Dr. M. D. Ewell, Chicago, Ill.; Academy of Natural Sciences, Davenport, Ia.; State Historical Society of Iowa, Iowa City; University of Wisconsin, State Historical Society, Madison, Wis.; Kansas University *Quarterly*, Lawrence; Academy of Science, Washburn College Library, Topeka, Kans.; Colorado Scientific Society, Denver; Agricultural Experiment Stations—Geneva, N. Y.; Auburn, Ala.; Michigan Agricultural College, Ingham Co.; Ames, Ia.; Lincoln, Neb.; Corvallis, Oreg.; Tucson, Ariz.

Accessions to the Library were reported from the Geological Survey of India, Calcutta; Linnean Society of New South Wales, Sydney; Soc. Finno Ougrienne, Helsingfors, Finland; Ministerie van Binnenlandsche Zadun, s' Gravenhage, Netherlands; Osservatorio Astron. Meteorol., Triest, Austria; Akad. der Wissenschaften, R. Friedländer und Sohn, Berlin, Prussia; K. Leopold.-Carol. Akademie, Halle a. S., Prussia; Bayer. Numismat. Gesellschaft, München; R. Ministero della Instruzione Publica, Padova, Italia; R. Accad. di Scienze, etc., Modena, Italia; École Nat'l Supt. des Mines, Mr. Georges Bertin, Paris, France; Geographical Society, Manchester, Eng.; Canadian Institute, Ontario Archæological Museum, Mr. J. M. Clark, Toronto, Canada; Mr. George M. Whitaker, Boston, Mass.; Academy of Sciences, Amer. Museum Nat. History, Mr. James Douglas, New York, N. Y.; Free Public Library, Jersey City, N. J.; Lafayette College, Easton, Pa.; Pepper Laboratory of Clinical Medicine, Dr. Charles A. Oliver, Messrs. Wharton Barker, Frederick Prime, Maxwell Somerville, Philadelphia; Lighthouse Board, U. S. Department of Agriculture, U. S. Geological Survey, Prof. Albert S. Gatschet, Washington, D. C.; University of California, Berkeley; State Historical Society, Madison, Wis.; State Historical Society,

Iowa City, Ia.; Agricultural Experiment Stations—College Park, Pa.; Lexington, Ky.; Columbia, Mo.; Agricultural College, Michigan; Madison, Wis.; Denver, Colo.; Berkeley, Cal.; Instituto Medico Nacional, Laminas, Mexico.

Photograph for the Society's Album was received from Dr. W. G. A. Bonwill, Philadelphia.

The following death was announced: Hon. William Strong, Washington, D. C., August 19, 1895.

A paper was read on the "Identification of Colored Inks by the Absorption Spectra," by Dr. C. A. Doremus, of New York.

Prof. Cope made some remarks on the figures of men and animals on a tablet from Nippur, and expressed the opinion that the men were of the pure white race and not mixed.

Dr. Brinton followed, corroborating the views of Prof. Cope.

Pending nominations 1346 and 1347, and new nominations 1348 to 1362, were read. On motion, the nominations of non-residents were referred to Council.

The Curators reported on the collections of coins and medals formerly deposited with the Numismatic Society, but at present deposited in the Pennsylvania Museum and School of Industrial Art. All the articles had been accounted for with but two exceptions.

The report was received, and the Curators discharged from further consideration of the subject.

The rough minutes were then read, and the Society adjourned.

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*The Identification of Colored Inks by their Absorption Spectra.*

*By Charles A. Doremus.*

*From the committee appointed by the Society to investigate the various methods for the examination of documents.*

*(Read before the American Philosophical Society, April 10, 1896.)*

The substitution of aniline dyes for other coloring matters in the preparation of colored inks, especially red, necessitates the adoption of means for their recognition.